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ONE HUNDRED FOURTEENTH CONGRESS
Congress of the United States
House of Representatives

COMMITTEE ON ENERGY AND COMMERCE

2125 RAYBURN HOUSE OFFICE BUILDING
WASHINGTON, DC 20515-6115

Majority (202) 225-2927

Minority (202) 225-3641

March 22, 2016

Mr. Ed Morris
Vice President and Director
National Additive Manufacturing Innovation Institute
National Center for Defense Manufacturing and Machining
486 Cornell Road
Blairsville, PA 15717

Dear Mr. Morris,

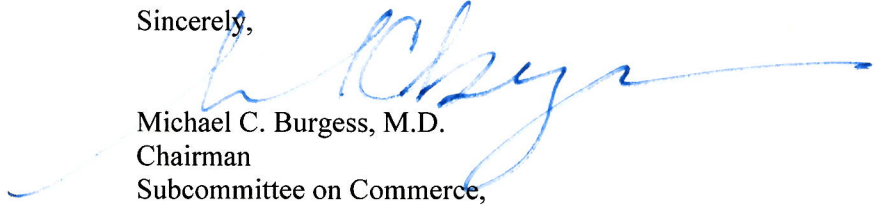
Thank you for appearing before the Subcommittee on Commerce, Manufacturing, and Trade on Friday, February 26, 2016, to testify at the hearing entitled "Disrupter Series: 3D Printing."

Pursuant to the Rules of the Committee on Energy and Commerce, the hearing record remains open for ten business days to permit Members to submit additional questions for the record, which are attached. The format of your responses to these questions should be as follows: (1) the name of the Member whose question you are addressing, (2) the complete text of the question you are addressing in bold, and (3) your answer to that question in plain text.

To facilitate the printing of the hearing record, please respond to these questions by the close of business on Tuesday, April 5, 2016. Your responses should be mailed to Giulia Giannangeli, Legislative Clerk, Committee on Energy and Commerce, 2125 Rayburn House Office Building, Washington, DC 20515 and e-mailed in Word format to Giulia.Giannangeli@mail.house.gov.

Thank you again for your time and effort preparing and delivering testimony before the Subcommittee.

Sincerely,



Michael C. Burgess, M.D.
Chairman
Subcommittee on Commerce,
Manufacturing, and Trade

cc: Jan Schakowsky, Ranking Member, Subcommittee on Commerce, Manufacturing, and Trade

Attachment

Attachment - Additional Questions for the Record

The Honorable Tony Cárdenas

1. School, academic and public libraries are leveraging 3D printing technology to prepare students for participation in STEM fields. For example, at the K-12 level, 3rd graders at the David C. Barrow Elementary School in Athens, Georgia, used their library's 3D printer to design and build their own jewelry as part of a geologic lesson on rocks and minerals. How can the private and public sectors work with anchor institutions like libraries to build critical workforce skills through 3D printing?
2. Los Angeles is a very innovative city, but we are also highly populated. Warner Brothers is using 3D printing to build small-scale models of the locations they are going to use as a pre-visualization tool for the director to determine how the set should be built and to identify the best shot set-up and movement. How can we take advantage of this new technology as a tool in urban planning?
3. Government decision-makers are beginning to realize the value of 3D printing technology. NASA recently launched a 3D printer into space to experiment with the creation of spare parts for the international space station, and the U.S. Department of Veterans Affairs recently administered a Prosthetic and Assistive Technology Challenge, through which makers engineered and printed items designed to help veterans with disabilities conquer daily challenges. How can anchor institutions like libraries and schools support government-led 3D printing efforts?